

INFORMATION DISCLOSURE STATEMENT

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U.S. PATENT DOCUMENTS

| *Examiner Initials | | Document Number | Issue Date | Name | Class | Subclass | Filing Date If Appropriate |
|-----------------------|----|--------------------|---------------|-------------------|-------|----------|----------------------------------|
| <i>ES</i> | A1 | 5,861,312 | 1/19/99 | Varshavsky et al. | 435 | 325 | 12/2/97 |
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FOREIGN PATENT DOCUMENTS

| *Examiner Initials | Document Number | Publication Date | Country | Class | Subclass | Translation | |
|-----------------------|--------------------|---------------------|----------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| <i>ES</i> | B1 | WO 98/23283 | 06/04/98 | PCT | — | — | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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|-----------|----|---|--|--|--|--|--|
| <i>ES</i> | C1 | Ciechanover, "The ubiquitin-proteasome pathway: on protein death and cell life", <i>EMBO J</i> 17:7151-7160, 1998. | | | | | |
| <i>ES</i> | C2 | Reiss and Hershko, "Affinity purification of ubiquitin-protein ligase on immobilized protein substrates", <i>J Biol Chem</i> 265:3685-3690, 1990. | | | | | |
| <i>ES</i> | C3 | Kwon et al., "The mouse and human genes encoding the recognition component of the N-end rule pathway", <i>Proc Natl Acad Sci, USA</i> 95:7898-7903, 1998. | | | | | |
| <i>ES</i> | C4 | Bartel et al., "The recognition component of the N-end rule pathway" <i>EMBO J</i> 9:3179-3189, 1990. | | | | | |

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E. S. Slobodyan

DATE CONSIDERED

4/21/02

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Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

01017/35966A

Serial No.

09/724,126

Applicant

Han et al.

Filing Date

11-28-00

Group

1652

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(Use several sheets if necessary)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, etc.)

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|-----|---|
| C5 | Wilson <i>et al.</i> , "2.2 Mb of contiguous nucleotide sequence from chromosome III of <i>C. elegans</i> ", <i>Nature</i> 368:32-38, 1994. |
| C6 | Mitch and Goldberg, "Mechanisms of muscle wasting: the role of ubiquitin-proteasome pathway", <i>New England J Med</i> 335:1897-1905, 1996. |
| C7 | Lecker <i>et al.</i> , "Muscle protein breakdown and the critical role of the ubiquitin-proteasome pathway in normal and disease states", <i>J Nutr</i> 129:227S-237S, 1999. |
| C8 | Solomon <i>et al.</i> , "Rates of ubiquitin conjugation increase when muscles atrophy, largely through activation of the N-end rule pathway", <i>Proc Natl Acad Sci USA</i> 95:12602-12607, 1998. |
| C9 | Baracos <i>et al.</i> , "Activation of the ATP-ubiquitin-proteasome pathway in skeletal muscle of cachectic rats bearing a hepatoma", <i>Am J Physiol</i> 268 (Endocrinol Metab):E996-1006, 1995. |
| C10 | Matsumoto <i>et al.</i> , "Tumor inoculation site-dependent induction of cachexia in mice bearing colon 26 carcinoma", <i>Brit J Cancer</i> 79:764-769, 1999. |
| C11 | Tanaka <i>et al.</i> , "Experimental cancer cachexia induced by transplantable colon 26 adenocarcinoma in mice", <i>Cancer Res</i> 50: 2290-2295, 1990. |
| C12 | Database GenBank. National Library of Medicine, (Bethesda, Maryland, US), Accession No. U88308, The <i>C. elegans</i> Sequencing Consortium, "Genome sequence of the nematode <i>C. elegans</i> : a platform for investigating biology: the <i>C. elegans</i> sequencing consortium", <i>Science</i> 282:2012-2018, 1998. |
| C13 | Database GenBank. National Library of Medicine, (Bethesda, Maryland, US), Accession No. AF061555, Kwon <i>et al.</i> , "The mouse and human genes encoding the recognition component of the N-end rule pathway", <i>Proc Natl Acad Sci, USA</i> 95:7898-7903, 1998. |
| C14 | Database GenBank. National Library of Medicine, (Bethesda, Maryland, US), Accession No. AI187306, Strausberg, qf28h08.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1751391 3', mRNA sequence; National Cancer Institute, Cancer Genome Anatomy Project, 1997. |

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C15

Database GenBank. National Library of Medicine, (Bethesda, Maryland, US),
Accession No. AI192195, Strausberg, qc92e08.x1Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:1721702 3'
similar to TR:O15057 O15057 KIAA0349; mRNA sequence; National Cancer
Institute, Cancer Genome Anatomy Project, 1997.

C16

Database GenBank. National Library of Medicine, (Bethesda, Maryland, US),
Accession No. AI400279, Strausberg, tg43b12.x1 Soares_NFL_T_GBC_S1 Homo
sapiens cDNA clone IMAGE:2111519 3', mRNA sequence; National Cancer
Institute, Cancer Genome Anatomy Project, 1997.

C17

Database GenBank. National Library of Medicine, (Bethesda, Maryland, US),
Accession No. AA002347, Marra *et al.*, mg53g07.r1 Soares mouse embryo
NbME13.5 14.5 Mus musculus cDNA clone IMAGE:427548 5' similar to
gb:U24428 Mus musculus mu-class glutathione s-transferase (MOUSE); mRNA
sequence, The WashU-HHMI Mouse EST Project, 1996.

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